Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108714.D
Acq On : 1 Sep 2018 3:20
Operator : JU/SJ
Sample : PB112528BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 01 05:15:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB112528BS

Manual Integrations APPROVED
Sohil
9/4/2018 3:54:20 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	77586	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	272730	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	119482	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	254687	20.00	ng		0.00
75) Chrysene-d12	14.19	240	234910	20.00	ng		0.00
86) Perylene-d12	15.75	264	173936	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	343002	76.80	ng		0.00
7) Phenol-d6	6.64	99	499595	78.10	ng		-0.01
23) Nitrobenzene-d5	7.57	82	540532	100.60	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	143206	90.79	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	966028	108.71	ng		0.00
78) Terphenyl-d14	13.12	244	1090692	90.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	87777	42.290	ng		93
3) Pyridine	3.75	79	167658	34.961	ng	#	83
4) n-Nitrosodimethylamine	3.72	42	87198	36.452	ng	#	77
6) Aniline	6.70	93	84621	12.260	ng	#	74
8) 2-Chlorophenol	6.79	128	228102	41.771	ng		92
9) Benzaldehyde	6.65	77	100918m	25.525	ng		
10) Phenol	6.65	94	204822	27.459	ng		83
11) bis(2-Chloroethyl)ether	6.73	93	248871	37.890	ng		94
12) 1,3-Dichlorobenzene	6.94	146	260219	41.099	ng		99
13) 1,4-Dichlorobenzene	7.02	146	296040	42.834	ng		97
14) 1,2-Dichlorobenzene	7.17	146	261648	41.221	ng		99
15) Benzyl Alcohol	7.21	79	121582m	26.423	ng		
16) 2,2'-oxybis(1-Chloropropan	7.26	45	414756	41.161	ng		69
17) 2-Methylphenol	7.26	107	157725	37.149	ng	#	61
18) Hexachloroethane	7.50	117	91715	38.587	ng		97
19) n-Nitroso-di-n-propylamine	7.40	70	165778	38.700	ng		90
20) 3+4-Methylphenols	7.42	107	173604	32.635	ng	#	33
22) Acetophenone	7.41	105	337593	49.585	ng	#	90
24) Nitrobenzene	7.59	77	219214	40.236	ng		94
25) Isophorone	7.81	82	429250	48.092	ng		96
26) 2-Nitrophenol	7.90	139	85512	34.672	ng	#	86
27) 2,4-Dimethylphenol	7.93	122	169629	47.291	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	256552	45.501	ng		98
29) 2,4-Dichlorophenol	8.15	162	175444	41.229	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	211288	44.401	ng		96
31) Naphthalene	8.30	128	661508	50.923	ng		99
32) Benzoic acid	8.05	122	96273m	41.853	ng		
33) 4-Chloroaniline	8.39	127	82081	14.314	ng		98
34) Hexachlorobutadiene	8.41	225	144466	46.237	ng		100
35) Caprolactam	8.72	113	40539	35.751	ng	#	84
36) 4-Chloro-3-methylphenol	8.84	107	173048	37.889	ng		97
37) 2-Methylnaphthalene	9.00	142	402325	45.775	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	211712	49.911	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	38589	26.774	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	108426	43.165	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	141988	48.473	ng		95
45) 1,1'-Biphenyl	9.46	154	503266	48.383	ng		97
46) 2-Chloronaphthalene	9.49	162	386042	47.407	ng		97
47) 2-Nitroaniline	9.60	65	118368	43.461	ng		85
48) Acenaphthylene	9.91	152	592896	49.732	ng		99
49) Dimethylphthalate	9.75	163	434063	46.134	ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	86026	41.480	ng	#	88
51) Acenaphthene	10.08	154	350834	49.218	ng		99
52) 3-Nitroaniline	10.02	138	86687	38.638	ng		98
53) 2,4-Dinitrophenol	10.15	184	9140m	12.961	ng		
54) Dibenzofuran	10.25	168	515800	46.244	ng		96
55) 4-Nitrophenol	10.21	139	57295	42.408	ng	#	81
56) 2,4-Dinitrotoluene	10.24	165	107557	39.168	ng	#	87
57) Fluorene	10.60	166	419825	48.568	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	130012	49.545	ng	#	77
59) Diethylphthalate	10.45	149	420538	44.365	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	213678	43.563	ng		89
61) 4-Nitroaniline	10.64	138	94506	43.531	ng		93
62) Azobenzene	10.74	77	427101	45.331	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	8611	7.620	ng	#	43
65) n-Nitrosodiphenylamine	10.70	169	373147	44.099	ng		96
66) 4-Bromophenyl-phenylether	11.07	248	139125	44.446	ng		91
67) Hexachlorobenzene	11.14	284	147659	43.786	ng	#	86
68) Atrazine	11.22	200	103655	43.782	ng		97
69) Pentachlorophenol	11.34	266	106300	59.321	ng		95
70) Phenanthrene	11.57	178	616310	47.942	ng		98
71) Anthracene	11.62	178	713265	52.805	ng		98
72) Carbazole	11.78	167	606578	46.442	ng		99
73) Di-n-butylphthalate	12.08	149	685420	45.613	ng		99
74) Fluoranthene	12.76	202	785688	54.297	ng		95
76) Benzidine	12.89	184	239684	36.248	ng		98
77) Pyrene	12.99	202	766588	43.411	ng		100
79) Butylbenzylphthalate	13.59	149	332039	44.717	ng	#	94
80) Benzo(a)anthracene	14.19	228	680273	47.503	ng		100
81) 3,3'-Dichlorobenzidine	14.15	252	228709	44.038	ng	#	95
82) Chrysene	14.22	228	686435	49.843	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	456385	47.817	ng	#	99
84) Di-n-octyl phthalate	14.76	149	779395	55.541	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	467680	48.839	ng	#	88
87) Benzo(b)fluoranthene	15.29	252	507476	47.495	ng	#	95
88) Benzo(k)fluoranthene	15.32	252	578424	54.648	ng	#	95
89) Benzo(a)pyrene	15.69	252	493037	51.061	ng	#	96
90) Dibenzo(a,h)anthracene	17.39	278	392895	50.947	ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	366045	48.837	ng	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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